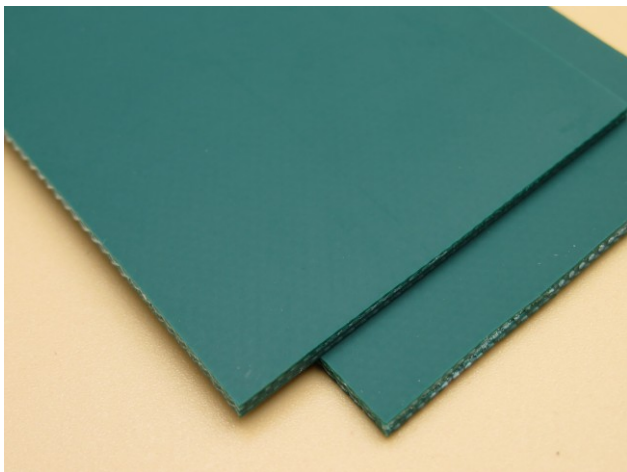
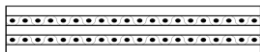


Technical Datasheet		Conveyor Belt	
Belt type		GU-12BK	
		U-090 Ver.6	
Applications - Material handling - Medium duty conveyor			
Construction			
	Top side	Bottom side	
	TPU	TPU	
	0.3mm	0.3mm	
	Matte surface	Matte surface	
	Green	Green	
	Tension member	Splice	
	Polyester	Finger	
	Fabric	Skiver	
	2ply		
	Construction		
Dimensions		Properties	
Width/Roll (max.)	1,000mm	Minimum pulley diameter	
Width/Endless (max.)	1,000mm	Flexing	
Length (max.)	100m	Finger	25mm
Total thickness	1.5mm	Skiver	50mm
Weight	1.5 kg/m ²	Back flexing	
Please contact Nitta if you need other dimensions.		Finger	25mm
Regulatory compliance		Skiver	50mm
Food Sanitation Act (Japan)		Knife edge	-
RoHS(2011/65/EC,		Dynamic properties	
(EU)2015/863)		Standard elongation	0.5%
		Tension after relaxation at 0.5%	2.0N/mm
		Initial tension at 1.0%	8.0N/mm
		Tension after relaxation at 1.0%	4.0N/mm
		Operating temperature range	-20~80°C
		Operating temperature range*	-20~80°C
		*When under continuous use	
Features		Tensile properties	
Roller bed		Tensile strength	120N/mm
		Elongation at break	15%
		Maximum allowable tension	8.0N/mm
		Maximum allowable elongation	1.0%
		Coefficient of friction	
		Top	vs. Steel
			0.4~0.5
			vs. Paper
			0.5~0.6
		Bottom	vs. Steel
			0.4~0.5
			vs. Lagged pulley
			0.6~0.8
			vs. POM (resin)
			0.4~0.6
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